

# Rajan Jha

Hyderabad, India | P: +91 8898586163 | [rajanjha.work@gmail.com](mailto:rajanjha.work@gmail.com) | [Linked In](#)

## EXPERIENCE

---

### Amazon – Hyderabad, India

SDE 2

Apr 2023 – Present

- Developed a client facing Tier 1 Service from scratch in Java using Native AWS serving 1000 TPS
- Optimized latency of legacy API by 60% by developing orchestrator to concurrently retrieve data from multiple sources and applying a blend of design patterns to effectively translate the data for consumption
- Built a UI tool in Angular to safeguard deployment of 200+ business configs using automated guardrails
- Resolved a critical, longstanding bug that caused refunds to be stuck for large high-value item orders
- Coached multiple team members and interns and provided key guidance across multiple projects

SDE 1

July 2021 – Mar 2023

- Worked on multiple Tier 1 services as part of Customer Returns Platform team responsible for creation, execution and storage of world-wide returns for orders placed on Amazon
- Designed and implemented a scalable solution across five plugins, increasing the return creation capacity from 250 to over 1000 items per order
- Designed and created an SQS based event driven replication system to enable cross country returns
- Root-caused and engineered a solution to resolve consistent write failure exceptions in DynamoDB, effectively addressing issues impacting the Tier 1 "Try Before You Buy" returns use case
- Exhibited ownership of multiple end-to-end full stack applications managing infrastructure as code, backend, frontend, unit testing, integration testing and ensuring CI/CD deployment pipelines

### Dream11 – Mumbai, India

SDET

Aug 2020 – July 2021

- Developed a TestNG-based multithreaded parallel test execution framework for Android and iOS app testing automation in Java
- Automated several critical app interactions use case achieving a 66% reduction in manual testing efforts
- Created a Cucumber based BDD integration testing framework in Java for automating GraphQL and backend microservices testing, resulting in a 40% reduction in manual new feature testing efforts
- Integrated Code Push library with React Native components, enabling instant updates and reducing time-to-market from one week to one day
- Improved Jenkins job to trigger 10 deployments asynchronously across different services using threads

## APPRECIATIONS

---

- Received appreciation for being one of the best deep divers and fastest on boards across the team
- Earned multiple spot awards during my tenure for high quality code reviews and resolving critical issues
- Received recognition for streamlining the code review process by implementing automated checks, resulting in a reduction of approximately 100 manual code reviews for the team

## EDUCATION

---

### MUMBAI UNIVERSITY – Mumbai, India

2016 - 2020

Bachelor of Engineering - Computer Science. Cumulative GPA: 8.54/10

## SKILLS

---

- **Languages:** Java, C++, SQL, JavaScript, TypeScript, Python
- **Frameworks:** Spring MVC, Spring Boot, Google Guice, Dagger, Angular, React, TestNG, Mockito
- **API:** REST, GraphQL
- **Cloud Tech:** Kinesis, Kafka, ECS, Fargate, AWS, Docker, Kubernetes, Lambda
- **Database:** Postgres, MySQL, Redis, DynamoDB, Cassandra, Elasticsearch